162.050. Each monitor installed on a foreign vessel must be approved:

(1) Under 46 CFR 162.050; or

(2) As meeting IMO Resolution A.393(X) by a country that has ratified the MARPOL Protocol.

(c) Each monitor must be installed in accordance with Paragraphs 4, 5, and 6 of Appendix F to this part and be fitted with the control system prescribed by paragraphs 6.1.4.2 through 6.1.4.5.5 of that appendix.

(d) Except as provided in paragraph (e) of this section, this section becomes effective:

(1) For new vessels, on October 2, 1983; and

(2) For existing vessels, on October 2, 1986.

(e) An existing vessel that has dedicated clean ballast tanks to meet the requirements in §157.10a or §157.10b must comply with paragraphs (a) and (b) of this section not later than October 2, 1986 or the end of the vessel's first scheduled shipyard visit after October 2, 1983, whichever is earlier.

[CGD 76–088b, 48 FR 45720, Oct. 6, 1983]

### §157.13 Designated observation area.

Each new vessel must have a designated observation area on the weather deck or above that is:

(a) Located where the effluent from each discharge point and manifold described in §157.11 can be visually observed; and

(b) Equipped with:

(1) A means to directly stop the discharge of effluent into the sea; or

(2) A positive communication system, such as a telephone or a radio, between the observation area and the discharge control position.

[CGD 74–32, 40 FR 48283, Oct. 14, 1975, as amended by CGD 76–088b, 48 FR 45720, Oct. 6, 1983]

### §157.15 Slop tanks in tank vessels.

(a) *Number.* A tank vessel must have the following number of slop tanks that comply with the requirements of this section:

(1) A new vessel of less than 70,000 tons DWT and an existing vessel must have at least one slop tank.

(2) A new vessel of 70,000 tons DWT or more must have at least two slop tanks.

(b) *Capacity.* Slop tanks must have the total capacity to retain slops from tank washings, oil residues, and dirty ballast residues of three percent or more of the oil carrying capacity, except two percent capacity is allowed if there are:

(1) Segregated ballast tanks that meet the requirements in §157.09, §157.10, §157.10a, or §157.10b; or

(2) No eductors arrangements that use water in addition to the washing water.

(c) *Design.* A slop tank required in this section:

(1) Must minimize turbulence, entrainment of oil, and the creation of an emulsion by the use of separate inlet and outlet connections; and

(2) May carry bulk oil when not being used as a slop tank.

[CGD 74–32, 40 FR 48283, Oct. 14, 1975]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §157.15, see the List of CFR Sections Affected in the Finding Aids section of this volume.

### §157.17 Oily residue tank.

(a) A tank vessel of 400 gross tons or more must have a tank that receives and holds oily residue resulting from purification of fuel and lubricating oil and from oil leakages in machinery spaces.

(b) Each oily residue tank required in paragraph (a) of this section must have an adequate capacity that is determined by the:

(1) Type of machinery installed on the vessel; and

(2) Maximum fuel oil capacity.

(c) Each oily residue tank on a new vessel must be designed to facilitate:

(1) Cleaning; and

(2) Discharging to a reception facility.

[CGD 74–32, 40 FR 48283, Oct. 14, 1975, as amended by CGD 80–78, 45 FR 43704, June 30, 1980]

### §157.19 Cargo tank arrangement and size.

(a) This section applies to:

(1) A U.S. or foreign vessel that is delivered after January 1, 1977;